

## REGENERATIVE THERMAL OXIDIZER

ABSTRACT OF THE DISCLOSURE

The present invention provides a regenerative thermal oxidizer which burns and eliminates harmful process gases generated in industrial sites. The present invention provides the regenerative thermal oxidizer in which different parts of the rotor are used as inlet and outlet process gas flow paths to increase the ability to process the process gases. According to the present invention, the ability to process the process gases is enhanced in spite of the rotor being similar in size to typical rotors and, as well as, the structure of the rotor and adjacent components is simplified.